

NPIC/R-1649/64

December 1964

PHOTOGRAPHIC INTERPRETATION REPORT

IPIR
MISSION C324C
9 DECEMBER 1964

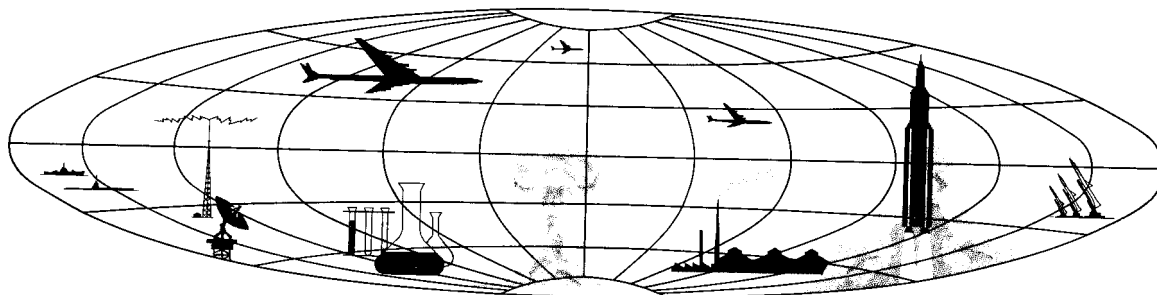


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PREFACE

THIS REPORT REPRESENTS THE PRELIMINARY INTERPRETATION OF
MISSION C324C DATED 9 DECEMBER 1964, COVERING CHINA AND NORTH KOREA,

25X1C

THIS REPORT DEALS PRIMARILY WITH THE HIGHEST PRIORITY INTELLIGENCE
ITEMS IN THE COMOR TARGET LIST. TARGETS ARE ARRANGED BY SUBJECT
AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER WHICH APPEARS AT THE
BEGINNING OF THE HEADER LINE. SIGNIFICANT TARGETS NOT IN THE COMOR
TARGET LIST ARE INCLUDED UNDER THE APPROPRIATE SUBJECT FOLLOWING
THE COMOR LISTED TARGETS.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE
OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR),
SC (SCATTERED CLOUDS), S (SNOW), HC (HEAVY CLOUDS), H (HAZE),
CS (CLOUD SHADOW), SD (SEMIDARKNESS), O (OBLIQUITY),
PQ (POOR IMAGE QUALITY).

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25X1C

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25X1A

MISSILES

[REDACTED] LU-TA CRUISE-MISSILE LAUNCH SITE CH 3849N 12127E

9 NM ESE OF LU-TA AND 9 NM WNW OF LU-SHUN-KOU.
NO APPARENT CHANGE IN FACILITIES SINCE

25X1D

MISSION [REDACTED]
LAUNCH AREA APPEARS INACTIVE.
NO EQUIPMENT OBSERVED IN EITHER LAUNCH
POSITIONS OR SUPPORT AREA.

25X1D

25X1A

AIR FACILITIES

[REDACTED] SHEN-YANG AIRCRAFT ENGINE PLANT CH 4147N 12330E

EAST EDGE OF SHEN-YANG AND JUST NORTH OF
SHEN-YANG AIRFIELD SOUTHEAST.
PLANT CONTAINS 8 MONITOR-ROOF AND 3 SAWTOOTH-ROOF
SUBASSEMBLY BUILDINGS, 3 ENGINE TEST CELL
BUILDINGS, 2 UNDERGROUND FUEL STORAGE AREAS
WITH BLENDING AND CONTROL FACILITIES, 2
ADMINISTRATION/ENGINEERING BUILDINGS, ONE STEAM
PLANT, AND SEVERAL SUPPORT BUILDINGS.
AIRCRAFT -- NONE OBSERVED.

25X1D

25X1A

[REDACTED] SHEN-YANG AIRFRAME PLANT 112 CH 4152N 12325E

2 NM NORTH OF SHEN-YANG AND JUST WEST OF
SHEN-YANG AIRFIELD NORTH.

25X1D

PLANT CONTAINS 7 MONITOR-ROOF SUBASSEMBLY
BUILDINGS (ONE EXPANDED SINCE [REDACTED])
ONE LONG MONITOR-ROOF FINAL ASSEMBLY BUILDING, A
WIND TUNNEL, A STEAM PLANT, AND SEVERAL
ASSOCIATED BUILDINGS. THE PLANT APPEARS ACTIVE WITH
SMOKE RISING FROM THE STEAM PLANT. NO AIRCRAFT
OBSERVED IN THE PLANT AREA.
A LARGE HOUSING/ADMINISTRATION AREA IS
LOCATED JUST WEST OF THE PLANT.

25X1D

NO FOREIGN DISSEM

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25X1A

[REDACTED] AN-TUNG AIRFIELD CH 4001N 12417E

7.5 NM SOUTH OF AN-TUNG.

25X1D

NO APPARENT CHANGE IN FACILITIES SINCE
MISSION [REDACTED] EXCEPT 64 REVETTED
HARDSTANDS OBSERVED.

NO RADAR FACILITIES OBSERVED.

AIRCRAFT -- 58 FAGOT/FRESCO, 2 CRATE, 11 COLT,
AND 3 MOOSE.

25X1D
25X1A

[REDACTED] CHIN-HSIEN AIRFIELD SOUTHEAST 1 CH 3904N 12145E

7 NM SE OF CHIN-HSIEN.

6,300 X 240 FT NNE/SSW PROBABLE LATERITE RUNWAY,
PROBABLY SERVICEABLE.

FACILITIES INCLUDE PARALLEL TAXIWAY WITH 2
CROSSOVER LINKS. COMPOUND ADJACENT TO PARALLEL
TAXIWAY COMPRISES HOUSING AND ADMINISTRATION
AREA. SMALL COMMUNICATIONS FACILITY AT NNE END
OF RUNWAY CONTAINS 4 POLES IN A RECTANGULAR
PATTERN AND ONE SMALL SHED. NO RADAR DISCERNIBLE.
AIRCRAFT -- NONE OBSERVED.

25X1D
25X1A

[REDACTED] CHOU-SHUI-TZU AIRFIELD CH 3858N 12133E

JUST SOUTH OF CHOU-SHUI-TZU.

25X1D

NO APPARENT CHANGE IN FACILITIES SINCE MISSION
[REDACTED]

NO RADAR FACILITIES OBSERVED.

AIRCRAFT -- 49 FAGOT/FRESCO.

25X1D
25X1A

[REDACTED] FU-HSIEN AIRFIELD CH 3940N 12146E

10.3 NM WNW OF FU-HSIEN.

25X1D

NO APPARENT CHANGE IN FACILITIES SINCE
[REDACTED]

NO RADAR FACILITIES OBSERVED.

AIRCRAFT -- APPROXIMATELY 50 POSSIBLE AIRCRAFT
(OBLIQUITY PRECLUDES DETAILED INTERPRETATION.)

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NO FOREIGN DISSEM

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25X1D

25X1A

HUA-CHIA-TUN AIRFIELD CH 3916N 12205E

3 NM ESE OF HUA-CHIA-TUN.
NO APPARENT CHANGE IN FACILITIES SINCE
MISSION
NO RADAR FACILITIES OBSERVED.
AIRCRAFT -- 13 FAGOT/FRESCO.

25X1D

25X1D

25X1A

KAI-YUAN AIRFIELD CH 4232N 12358E

6.5 NM SW OF KAI-YUAN.
NO APPARENT CHANGE IN FACILITIES SINCE
MISSION
NO RADAR FACILITIES OBSERVED.
AIRCRAFT -- 18 FAGOT/FRESCO AND 32 SMALL
SINGLE-ENGINE.

25X1D

25X1D

25X1A

KU-SHAN-TZU AIRFIELD CH 4201N 12544E

16.5 NM SW OF KU-SHAN-TZU.
NO APPARENT CHANGE IN FACILITIES SINCE
MISSION
NO RADAR FACILITIES OBSERVED.
AIRCRAFT -- 30 PROBABLE FAGOT/FRESCO.

25X1D

25X1D

25X1A

KUAN-TIEN AIRFIELD WEST CH 4042N 12436E

APPROXIMATELY 10 NM WSW OF KUAN-TIEN.
6,600 X 200 FT NW/SE CONCRETE RUNWAY,
SERVICEABLE, WITH 1,200 FT OVERRUN AT EACH END.
FACILITIES INCLUDE PARALLEL LOOP TAXIWAY WITH
2 CROSSOVER LINKS, 2 PARKING APRONS, 2 ALERT APRONS,
46 REVETTED HARDSTANDS, 9 PROBABLE EXPLOSIVES
STORAGE BUNKERS, AND 30 SUPPORT BUILDINGS.
AN ASSOCIATED HOUSING/SUPPORT AREA ONE NM SW

NO FOREIGN DISSEM

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CONTAINS APPROXIMATELY 50 BUILDINGS.
NO RADAR FACILITIES OBSERVED.
AIRCRAFT -- NONE OBSERVED.

25X1D

25X1A

LIAO-YANG AIRFIELD WEST CH 4116N 12305E

5 NM WEST OF LIAO-YANG.
7,000 X 260 FT NNE/SSW CONCRETE RUNWAY,
SERVICEABLE, WITH APPROXIMATELY
600 FT ASPHALT OVERRUN AT EACH END.
FACILITIES INCLUDE LOOP TAXIWAY WITH ONE
CROSSOVER LINK, ONE ALERT APRON AT EACH END
OF RUNWAY, 3 PARKING APRONS, 42 USEABLE PARKING
REVTMENTS, ONE HANGAR, 2 POL STORAGE AREAS, 2
REVTED STORAGE AREAS, AND A POSSIBLE INSTRUMENT
LANDING SYSTEM. A LARGE SUPPORT AREA OBSERVED
EAST OF RUNWAY.
NO RADAR FACILITIES OBSERVED.
AIRCRAFT -- 14 FAGOT/FRESCO.

25X1D

25X1A

LIU-HO AIRFIELD CH 4216N 12542E

ONE NM SSW OF LIU-HO.
NO APPARENT CHANGE IN FACILITIES SINCE
MISSION
NO RADAR FACILITIES OBSERVED.
AIRCRAFT -- NONE OBSERVED.

25X1D

25X1D

25X1A

SHEN-YANG AIRFIELD NORTH CH 4152N 12326E

2 NM NORTH OF SHEN-YANG.
8,725 X 170 FT NNE/SSW CONCRETE RUNWAY,
SERVICEABLE, WITH A PROBABLY SERVICEABLE 500 FT
OVERRUN ON THE NNE END.
FACILITIES INCLUDE AN IRREGULAR LOOP TAXIWAY
ON THE WEST, 2 CROSSOVER LINKS, ONE ALERT APRON,
ONE PARKING APRON, 5 HANGARS, ONE OPERATIONS
BUILDING, AND A PROBABLE INSTRUMENT LANDING

NO FOREIGN DISSEM

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NO FOREIGN DISSEM

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SYSTEM.

NO RADAR FACILITIES OBSERVED.

THE SHEN-YANG AIRFRAME PLANT 112 AND A LARGE HOUSING/ADMINISTRATION AREA OBSERVED JUST WEST. AIRCRAFT -- 2 FISHBED, ONE PROBABLE FISHBED, ONE POSSIBLE FISHBED, 12 FARMER, 16 PROBABLE FARMER, ONE UNIDENTIFIED STRAIGHT-WING, AND ONE UNIDENTIFIED AIRCRAFT. (SEE ATTACHMENT 1)

25X1D

25X1A

HSIN-CHIN AIRFIELD CH 3927N 12201E

4 NM NE OF HSIN-CHIN.

25X1D

NO APPARENT CHANGE IN FACILITIES SINCE MISSION

NO RADAR OBSERVED.

AIRCRAFT -- 42 FAGOT/FRESCO, ONE CRATE, AND 3 SMALL STRAIGHT-WING.

25X1D

25X1A

HSIN-CHIN AIRFIELD SOUTH CH 3919N 12158E

4.8 NM SOUTH OF HSIN-CHIN.

6,230 X 180 FT NNW/SSE CONCRETE RUNWAY, SERVICEABLE.

FACILITIES INCLUDE ONE IRREGULAR PARALLEL LOOP TAXIWAY WITH 2 CROSSOVER LINKS AND ONE ALERT APRON AT EACH END OF RUNWAY, AND A PARKING APRON AND POL STORAGE FACILITIES ALONG PARALLEL TAXIWAY. NO RADAR OBSERVED.

AIRCRAFT -- NONE OBSERVED.

25X1D

25X1A

SAN-SHIH-LI-PAO AIRFIELD CH 3917N 12146E

2 NM NW OF SAN-SHIH-LI-PAO.

TWO INTERSECTING RUNWAYS. PRIMARY, 5,700 X 190 FT N/S CONCRETE RUNWAY, SERVICEABLE, WITH AN ALERT APRON AT NORTH END, A PARKING APRON ON SOUTH END, AND 2 PARKING APRONS ALONG PARALLEL TAXIWAY. SECONDARY, 6,300 X 250 FT NW/SE CONCRETE

NO FOREIGN DISSEM

SECRET
NO FOREIGN DISSEM

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RUNWAY, SERVICEABLE, WITH AN ALERT APRON AT EITHER END.
SUPPORT FACILITIES INCLUDE ONE LARGE HANGAR, 9 HALF-MOON DOME-TYPE BUILDINGS WHICH COULD BE AIRCRAFT SHELTERS, A FIRING-IN BUTT, NUMEROUS PARKING REVETMENTS, AND A SECURED POL STORAGE AREA. HOUSING AND ADMINISTRATIVE AREA WITH APPROXIMATELY 50 BUILDINGS OBSERVED NE OF RUNWAY INTERSECTION.
NO RADAR FACILITIES OBSERVED.
AIRCRAFT -- 14 FAGOT/FRESCO.

25X1D

25X1A

SSU-PING AIRFIELD 1 CH 4310N 12418E

IDENTIFICATION ONLY.

25X1D

25X1A

TA-PAO AIRFIELD CH 4032N 12413E

0.5 NM SW OF TA-PAO.
APPROXIMATELY 5,500 X 200 FT NE/SW CONCRETE RUNWAY, SERVICEABLE.
FACILITIES INCLUDE PARALLEL LOOP TAXIWAY, 2 CROSSOVER LINKS, 2 PARKING APRONS, 4 ALERT APRONS, 62 REVETTED HARDSTANDS, AND APPROXIMATELY 30 ASSOCIATED BUILDINGS.
NO RADAR FACILITIES OBSERVED.
AIRCRAFT -- 18 UNIDENTIFIED.

25X1D

25X1A

AN-TUNG-HSIEN AIRFIELD CH 3956N 12408E

4 NM NORTH OF AN-TUNG-HSIEN.
NO APPARENT CHANGE IN FACILITIES SINCE MISSION

25X1D

THIRTY VEHICLES OBSERVED AT SMALL SUPPORT AREA ON EAST SIDE.
NO RADAR FACILITIES OBSERVED.
AIRCRAFT -- NONE OBSERVED.

25X1D

SECRET
NO FOREIGN DISSEM

NO FOREIGN DISSEM

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25X1A

TENG-AO-PAO AIRFIELD CH 4106N 12251E

1.7 NM NE OF TENG-AO-PAO.
6,535 X 195 FT NNE/SSW CONCRETE RUNWAY,
SERVICEABLE AND CLEARED OF SNOW WITH 485 FT
OVERRUN ON SSW END OF RUNWAY.
FACILITIES INCLUDE A PARALLEL LOOP TAXIWAY WITH
2 CROSSOVER LINKS, ONE ALERT APRON AT EACH END
OF RUNWAY, PARKING APRON ON THE TAXIWAY, 2 HANGARS,
AND ONE FIRING-IN BUTT.
NO RADAR FACILITIES OBSERVED.
AIRCRAFT -- 37 FARMER, 2 FAGOT/FRESCO, AND
2 UNIDENTIFIED.
(SEE ATTACHMENT 2)

25X1D
25X1A

TU-CHENG-TZU AIRFIELD CH 3854N 12115E

JUST SW OF TU-CHENG-TZU.
25X1D NO APPARENT CHANGE SINCE MISSION
EXCEPT 4 ADDITIONAL POSSIBLE AAA GUNS OBSERVED
IN THE PREVIOUSLY REPORTED OCCUPIED 4-GUN AAA SITE
0.5 NM SE OF THE PRIMARY RUNWAY, AND AN UNOCCUPIED
8-GUN AAA SITE ONE NM NORTH OF THE PRIMARY RUNWAY.
NO RADAR OBSERVED.
AIRCRAFT -- 24 BEAGLE, ONE CAB, AND ONE COLT.

25X1D
25X1A

WEN-TENG AIRFIELD CH 3711N 12213E

8 NM EAST OF WEN-TENG.
25X1D NO APPARENT CHANGE IN FACILITIES SINCE
MISSION
NO RADAR FACILITIES OBSERVED.
AIRCRAFT -- NONE OBSERVED.

25X1D
25X1A

YEN-TAI AIRFIELD SOUTH CH 3724N 12121E

8 NM SOUTH OF YEN-TAI.

NO FOREIGN DISSEM

NO FOREIGN DISSEM

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25X1D NO APPARENT CHANGE IN FACILITIES SINCE
MISSION [REDACTED] IN CLOUD-FREE AREAS.
ONLY NE AND SW END OF RUNWAY OBSERVED.
NO RADAR FACILITIES OBSERVED.
AIRCRAFT -- 3 SMALL PROBABLE SWEEP-WING AND ONE
LIGHT STRAIGHT-WING.

25X1D [REDACTED]

25X1A [REDACTED]

[REDACTED] YING-CHENG-TZU AIRFIELD CH 3901N 12123E

0.5 NM NORTH OF YING-CHENG-TZU.
6,600 X 180 FT NE/SW CONCRETE RUNWAY,
SERVICEABLE.
FACILITIES INCLUDE A PARALLEL LOOP TAXIWAY WITH
2 CROSSOVER LINKS, AN ALERT APRON AT EACH END
OF THE RUNWAY, A PARKING APRON, 4 HARDSTANDS,
A SECURED POL STORAGE AREA, AND A HOUSING SUPPORT
AREA JUST EAST OF THE NE END OF THE RUNWAY.
SIX TRUCKS, 4 POSSIBLE FA PIECES, AND SEVERAL
PILES OF MATERIALS ON THE TAXIWAY AND ALERT APRON.
NO RADAR OBSERVED.
AIRCRAFT -- NONE OBSERVED.

25X1D [REDACTED]

25X1A [REDACTED]

[REDACTED] UIJU AIRFIELD KN 4009N 12430E

3 NM SSW OF UIJU.
8,100 X 190 FT NE/SW CONCRETE RUNWAY,
SERVICEABLE.
FACILITIES INCLUDE 2 PARALLEL LOOP TAXIWAYS
(ONE ON EACH SIDE OF RUNWAY), 2 CROSSOVER LINKS
CONNECTING TO SE PARALLEL TAXIWAY, 2 ALERT
APRONS (ONE AT EACH END OF RUNWAY), 2 PARKING
APRONS (ONE AT EACH END OF SE TAXIWAY), 17
AIRCRAFT REVETMENTS, 22 VEHICLE REVETMENTS, 2
FIRING-IN BUTTS, ONE HANGAR, APPROXIMATELY
35 SUPPORT BUILDINGS, AND ONE REVETTED PROBABLE
AMMUNITION STORAGE BUILDING.
THIRTY-SEVEN TRUCKS OBSERVED.
AIRCRAFT -- 56 BEAGLE.

25X1D [REDACTED]

NO FOREIGN DISSEM

NO FOREIGN DISSEM

25X1A

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[REDACTED] NAMSI AIRFIELD KN 3956N 12512E

IDENTIFICATION ONLY.

25X1D [REDACTED]

25X1A [REDACTED] ONCHON AIRFIELD KN 3854N 12514E

IDENTIFICATION ONLY.

25X1D [REDACTED]

25X1A

[REDACTED] TAECHON AIRFIELD KN 3954N 12529E

IDENTIFICATION ONLY.

25X1D [REDACTED]

25X1A

[REDACTED] TUNG-FENG AIRFIELD CH 4239N 12530E

ONE NM WEST OF TUNG-FENG.

NO APPARENT CHANGE IN FACILITIES SINCE

25X1D MISSION [REDACTED]

NO RADAR OBSERVED.

AIRCRAFT -- 30 FAGOT/FRESCO.

25X1D [REDACTED]

25X1A

[REDACTED] SHEN-YANG AIRFIELD WEST CH 4149N 12318E

5.5 NM WEST OF SHEN-YANG.

7,300 X 260 FT NNE/SSW CONCRETE RUNWAY, SERVICEABLE.

FACILITIES INCLUDE LOOP TAXIWAY WITH 3
CROSSOVER LINKS, 2 ALERT APRONS, 3 PARKING
APRONS, 6 AIRCRAFT REVETMENTS, 2 HANGARS, AND A LARGE
SUPPORT AREA (JUST SOUTHEAST). A POSSIBLE
INSTRUMENT LANDING SYSTEM IS ASSOCIATED WITH
AIRFIELD. NO RADAR FACILITIES OBSERVED.
AIRCRAFT -- 21 FAGOT/FRESCO AND 3 SMALL
POSSIBLE AIRCRAFT.

25X1D [REDACTED]

NO FOREIGN DISSEM

NO FOREIGN DISSEM

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25X1A

NAVAL ACTIVITY/PORTS

[REDACTED] LU-SHUN-KOU SUBMARINE BASE CH 3847N 12114E

ONE NM SSW OF LU-SHUN-KOU.
NO APPARENT CHANGE IN FACILITIES AT SUBMARINE
25X1D BASE SINCE MISSION [REDACTED]
VESSELS AT SUBMARINE BASE -- 4 W-CLASS SS.
(SEE ATTACHMENT 3)

25X1D

25X1A

[REDACTED] WEI-HAI NAVAL BASE CH 3730N 12210E

2 NM EAST OF WEI-HAI ON LIU-KUNG TAO (ISLAND).
NO APPARENT CHANGE IN FACILITIES SINCE
25X1D MISSION [REDACTED]
VESSELS -- APPROXIMATELY 10 PC/PT ON BUILDING WAYS AT
NAVAL BASE AND APPROXIMATELY 15 PC/PT AT PIER AT
WEI-HAI.

25X1D

[REDACTED]
LU-SHUN-KOU NAVAL BASE AND SHIPYARD CH 3848N 12116E

SOUTH EDGE OF LU-SHUN-KOU.
NO APPARENT CHANGE IN FACILITIES SINCE MISSION
25X1D [REDACTED]

VESSELS -- 2 W-CLASS SS, ONE PROBABLE S-1-CLASS SS
APPARENTLY BEING OVERHAULED, ONE OSA-CLASS PTFG
(UNMODIFIED), ONE KOMAR-CLASS PTG IN WATER ALONGSIDE
QUAY, 6 P-6-CLASS PT ALONGSIDE QUAY, 3 P-6-CLASS PT IN
SMALL GRAVING DOCK, 16 P-4-CLASS PT (10 ON
CRADLES ALONG QUAY), ONE UNIDENTIFIED POSSIBLE SC
HULL UNDER CONSTRUCTION (APPROXIMATELY 148 FT
LONG), 3 POSSIBLE SWATOW-CLASS PGM, 2 LST, ONE
T-43-CLASS MSF, ONE LSM, 2 KRONSTADT-CLASS
PC, 3 PF, AND NUMEROUS SMALL CRAFT.
(SEE ATTACHMENT 3)

25X1D

25X1A

[REDACTED] LU-TA SHIPYARD CH 3855N 12138E

NO APPARENT CHANGE IN FACILITIES SINCE

SECRET
NO FOREIGN DISSEM

NO FOREIGN DISSEM

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25X1D MISSION [REDACTED]
 25X1D VESSELS -- ONE G-CLASS SSB BERTHED IN SAME POSITION AS ON MISSION [REDACTED] DOUBLE-ENDED BARGE SERVING AS BREASTING PLATFORM HAS BEEN REPLACED BY A LARGER RECTANGULAR PLATFORM. NO OTHER MODIFICATION NOTED. THREE GORDYY-CLASS ODD, ONE W-CLASS SS, 3 SHANGHAI-CLASS PTF IN WATER, 8 SHANGHAI-CLASS PTF IN VARIOUS STAGES OF CONSTRUCTION, 2 POSSIBLE SHANGHAI-CLASS HULL SECTIONS ON BUILDING WAYS, ONE TUG (APPROXIMATELY 135 FT LONG), 4 TUGS (APPROXIMATELY 90 FT LONG), ONE SMALL MERCHANT HULL, ONE MERCHANT HULL SECTION, 4 UNIDENTIFIED SURFACE VESSEL PRE-FABRICATED SECTIONS ON BUILDING WAYS, AND 21 MK-6-CLASS LCM. NO SUBMARINE CONSTRUCTION OBSERVED ON BUILDING WAYS.
 (SEE ATTACHMENT 4)

25X1D [REDACTED]
 25X1A

[REDACTED] NAMPO NAVAL BASE KN 3843N 12524E

IDENTIFICATION ONLY.

25X1D [REDACTED]
 25X1A

[REDACTED] LU-TA PORT FACILITIES CH 3855N 12139E

FACILITIES CONSIST OF 3 MAJOR ROAD- AND RAIL-SERVED AREAS.
 AREA 1 -- OIL BUNKERING PIER, BREAKWATER WITH 5 SMALL ATTACHED PIERS, COAL LOADING AND BUNKERING PIER, AND A PIER-SERVED CHEMICAL PLANT.
 AREA 2 -- 3 BREAKWATERS, 5 MOLES TOTALING APPROXIMATELY 7,700 FT OF BERTHAGE, APPROXIMATELY 2,550 FT OF QUAYAGE, 2 BOAT BASINS, 2 LARGE WAREHOUSES, AND OPEN STORAGE. THREE SMALL CRAFT BOAT YARDS CONTAIN 27 BUILDING WAYS.
 AREA 3 -- 4 MOLES TOTALING APPROXIMATELY 17,160 FT OF BERTHAGE, APPROXIMATELY 10,000 FT OF QUAYAGE, 3 BOAT BASINS, 2 PIERS, BREAKWATER, 32 LARGE AND 13 MEDIUM WAREHOUSES, NUMEROUS SUPPORT BUILDINGS AND OPEN STORAGE AREAS.
 VESSELS -- 6 LARGE DRY CARGO, 6 SMALL DRY CARGO, AND 2 LST.

SECRET
 NO FOREIGN DISSEM

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25X1D [REDACTED]

25X1A

ELECTRONICS/COMMUNICATIONS

[REDACTED] KOKCHONG-NI SUSP RADAR SITE KN 3806N 12505E

APPROXIMATELY 50 PERCENT OF WESTERN PORTION OF
SEARCH AREA OBSERVED ON OBLIQUE PHOTOGRAPHY.
NO RADAR OBSERVED.

25X1D [REDACTED]

25X1A

MILITARY ACTIVITY

[REDACTED] SARIWON COMPLEX KN 3830N 12544E

IDENTIFICATION ONLY.

25X1D [REDACTED]

25X1A

[REDACTED] LIANG-CHIA-TIEN AREA, DRIVER TRAINING AREA CH 3912N 12155E

11 NM NE OF LIANG-CHIA-TIEN.
TRACKED-VEHICLE DRIVER TRAINING AREA WITH 8
ASSOCIATED BUILDINGS ON EAST SIDE. THREE PROBABLE
ASSAULT GUNS OBSERVED WEST OF BUILDINGS.

25X1D [REDACTED]

25X1A

[REDACTED] SHA-LI-TU ARMY BARRACKS CH 3945N 12256E

4 NM NW OF CHUANG-HO.
NO APPARENT CHANGE IN FACILITIES SINCE
MISSION [REDACTED]
NO VEHICLES OR EQUIPMENT OBSERVED.

25X1D

25X1D [REDACTED]

25X1A

[REDACTED] YING-KOU-HSIEN HQ 39TH ARMY CH 4037N 12233E

EIGHT MILITARY AREAS CENTERED APPROXIMATELY
2.5 NM SE OF YING-KOU-HSIEN (40-38N 122-32E).

NO FOREIGN DISSEM

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AREA A (40-36N 122-34E) -- 10 MULTISTORY BARRACKS, 4 PROBABLE ADMINISTRATION, AND 6 SUPPORT BUILDINGS.

AREA B (40-38N 122-34E) -- 16 BARRACKS AND 34 ADMINISTRATION/SUPPORT-TYPE BUILDINGS.

AREA C (40-37N 122-33E) -- 18 BARRACKS, 4 ADMINISTRATION, AND 28 SUPPORT BUILDINGS. TWELVE TRUCKS AND 29 FA PIECES OBSERVED.

AREA D (40-37N 122-31E) -- 8 BARRACKS, 8 STORAGE, 2 MONITOR-ROOF MAINTENANCE, 2 ADMINISTRATION, AND NUMEROUS SUPPORT BUILDINGS.

AREA E (40-38N 122-33E) -- 30 BARRACKS-TYPE AND 25 ADMINISTRATION/SUPPORT BUILDINGS, 13 FA PIECES, AND 2 MOTOR POOLS WITH 53 UNIDENTIFIED VEHICLES.

AREA F (40-38N 122-32E) -- 20 BARRACKS-TYPE AND 25 SUPPORT BUILDINGS.

AREA G (40-38N 122-28E) -- 20 BARRACKS AND 15 SUPPORT BUILDINGS.

AREA H (40-38N 122-27E) -- AT LEAST 18 BARRACKS, 20 OTHER BUILDINGS, AND 2 MOTOR POOLS WITH 28 UNIDENTIFIED VEHICLES.

NO VEHICLES OR EQUIPMENT OBSERVED IN AREAS A, B, D, F, AND G.

25X1D

25X1A

HAI-CHENG AREA, MILITARY INSTALLATIONS CH 4052N 12245E

SIX SEPARATE INSTALLATIONS WITHIN 6 NM RADIUS OF HAI-CHENG.

AREA A (40-53N 122-45E) -- 70 BARRACKS-TYPE AND 50 ADMINISTRATION/SUPPORT BUILDINGS. NO VEHICLES OR MILITARY EQUIPMENT OBSERVED.

AREA B (40-52N 122-44E) -- 4 LARGE WAREHOUSES AND 20 BARRACKS-TYPE AND 30 ADMINISTRATION/SUPPORT BUILDINGS. TEN UNIDENTIFIED VEHICLES OBSERVED.

SECRET
NO FOREIGN DISSEM

NO FOREIGN DISSEM

NPIC/R-1649/64

25X1A AREA C (40-52N 122-45E) (HAI-CHENG ARMY BARRACKS NE, [REDACTED] -- 46 BARRACKS-TYPE AND 30 ADMINISTRATION/SUPPORT-TYPE BUILDINGS. TWELVE UNIDENTIFIED VEHICLES OBSERVED.

25X1A AREA D (EAST EDGE OF HAI-CHENG AT 40-50N 122-46E) (HAI-CHENG ARMY BARRACKS NE, [REDACTED] -- BARRACKS AREA AND MOTOR POOL CONTAINS 50 BARRACKS (3 MULTISTORIED), 11 PROBABLE BARRACKS, 28 STORAGE BUILDINGS, 20 ADMINISTRATION/SUPPORT BUILDINGS, 6 VEHICLE SHEDS, 20 PROBABLE VEHICLE SHEDS, 3 VEHICLE MAINTENANCE BUILDINGS, A SUBCALIBER FIRING RANGE, 15 PROBABLE CARGO TRUCKS PARKED IN MOTOR POOL, AND A DRIVER TRAINING AREA IMMEDIATELY EAST OF INSTALLATION.

25X1A AREA E (2.5 NM SOUTH OF HAI-CHENG AT 40-48N 122-45E) (HAI-CHENG ARMY BARRACKS SOUTH, [REDACTED] -- BARRACKS AREA CONTAINS 48 BARRACKS, 75 ADMINISTRATION/SUPPORT AND 27 STORAGE BUILDINGS, 6 PROBABLE VEHICLE SHEDS, AND 11 AMMUNITION STORAGE BUILDINGS. NO VEHICLES OR MILITARY EQUIPMENT OBSERVED.

25X1A AREA F (3 NM SSW OF HAI-CHENG AT 40-48N 122-43E) (HAI-CHENG ARMY BARRACKS SW, [REDACTED] -- BARRACKS AREA CONTAINS 43 BARRACKS, 36 ADMINISTRATION/SUPPORT, 30 STORAGE, AND 8 AMMUNITION STORAGE BUILDINGS. SIX PROBABLE VEHICLES OBSERVED.

25X1D [REDACTED]

25X1A

COMPLEXES

[REDACTED] AN-SHAN COMPLEX CH 4107N 12257E

COMPLEX, APPROXIMATELY 25 SQ MI IN AREA, COMPRISES LARGE IRON AND STEEL WORKS, SEVERAL SMALL IRON AND STEEL WORKS, ORE PROCESSING PLANTS, CHEMICAL AND METAL PRODUCTS PLANTS, LARGE THERMAL POWER PLANT, SEVERAL RAILROAD YARDS, NUMEROUS MINING AREAS, AND LARGE BARRACKS AREAS. ALL MAJOR INDUSTRIES APPEAR ACTIVE. HAZE AND POOR QUALITY LIMIT INTERPRETATION OF RAIL FACILITIES.

25X1D [REDACTED]

SECRET
NO FOREIGN DISSEM

SECRET
NO FOREIGN DISSEM

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25X1D [REDACTED]

25X1A

[REDACTED] FU-SHUN COMPLEX CH 4152N 12353E

COMPLEX COVERS APPROXIMATELY 65 SQ MI AND CONTAINS HEAVY INDUSTRY INCLUDING ALUMINUM AND SHALE OIL PLANTS, A THERMAL POWER PLANT, RAIL FACILITIES, MINING, AND EXTENSIVE STORAGE. ALL MAJOR FACILITIES APPEAR ACTIVE. OBLIQUITY PRECLUDES FURTHER INTERPRETATION.

25X1D [REDACTED]

25X1A

[REDACTED] SHEN-YANG COMPLEX CH 4148N 12327E

NO APPARENT CHANGE SINCE MISSION [REDACTED], 25X1D

25X1D [REDACTED]

NO GM OR NUCLEAR PRODUCTION FACILITIES OBSERVED WITHIN A 25 NM RADIUS OF COMPLEX.

25X1D [REDACTED]

25X1A

[REDACTED] LU-TA PETROLEUM REFINERY CH 3858N 12139E

NORTH EDGE OF LU-TA ON THE COAST.

25X1D

NO APPARENT CHANGE SINCE MISSION [REDACTED] PLANT APPEARS ACTIVE WITH SMOKE/STEAM EMITTING FROM THE VARIOUS PLANT UNITS. TWO TANKERS DOCKED AT PIERS ADJACENT TO PLANT.

25X1D [REDACTED]

25X1A

[REDACTED] LIAO-YANG COMPLEX CH 4117N 12311E

APPROXIMATELY 15 SQ MI IN AREA, COMPLEX INCLUDES SEVERAL INDUSTRIES, A LARGE ARSENAL, NUMEROUS STORAGE AREAS, EXTENSIVE RAIL FACILITIES, AND MILITARY INSTALLATIONS. APPROXIMATELY 70 UNIDENTIFIED RAIL CARS OBSERVED IN CLASSIFICATION YARD. ALL MAJOR FACILITIES APPEAR ACTIVE.

25X1D [REDACTED]

SECRET
NO FOREIGN DISSEM

SECRET
NO FOREIGN DISSEM

NPIC/R-1649/64

25X1A

[REDACTED] HAI-CHENG COMPLEX CH 4052N 12245E

25X1A COMPLEX, APPROXIMATELY 3 SQ MI IN AREA, COMPRISES
MILITARY INSTALLATIONS, SOME LIGHT INDUSTRY, AND
RAIL CLASSIFICATION YARD IN CENTER OF HAI-CHENG
(HAI-CHENG RR STN A YD, [REDACTED] WITH
6 TRACKS, ONE LOCOMOTIVE, AND APPROXIMATELY 20
UNIDENTIFIED RAIL CARS.
SECURED BARRACKS AREA ON SE EDGE OF HAI-CHENG
CONTAINS 10 BARRACKS, 2 ADMINISTRATION-TYPE AND
20 STORAGE/SUPPORT BUILDINGS.

25X1D

25X1A

[REDACTED] TUNG-HUA COMPLEX CH 4143N 12556E

CITY, APPROXIMATELY 15 SQ MI IN AREA, CONTAINS
AN IRON AND STEEL PLANT, A LARGE THERMAL POWER
PLANT, UNIDENTIFIED DISTILLATION PLANT, ROLLING MILL,
ORE PROCESSING BUILDING, AND A SMALL RAIL
MARSHALLING YARD. LARGE RAIL CLASSIFICATION
YARD AND REPAIR SHOPS OBSERVED ON SW SIDE OF
HUN CHIANG (RIVER) MIDWAY BETWEEN OLD CITY
LIMITS AND INDUSTRIAL AREA.
A LARGE MILITARY BARRACKS AREA AND EXPLOSIVES
STORAGE AREA CONTAINING 13 REVETTED STORAGE
BUILDINGS DISPERSED ALONG VALLEY FLOOR OBSERVED
3.2 NM EAST OF OLD CITY LIMITS.

25X1D

25X1A

[REDACTED] HAEJU COMPLEX KN 3802N 12542E

IDENTIFICATION ONLY.

25X1D

25X1A

[REDACTED] ONGJIN COMPLEX KN 3756N 12522E

IDENTIFICATION ONLY.

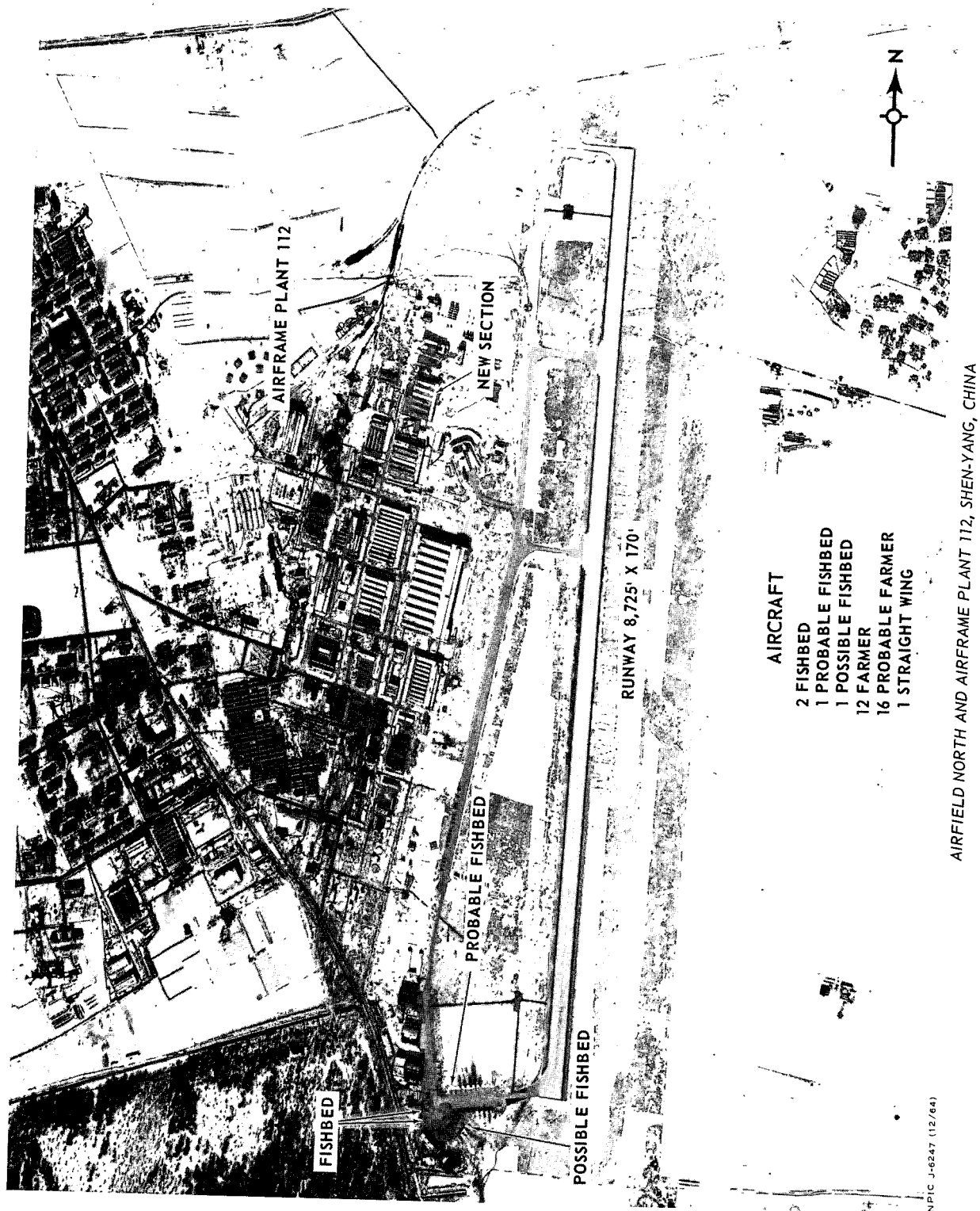
25X1D

SECRET
NO FOREIGN DISSEM

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25X1D

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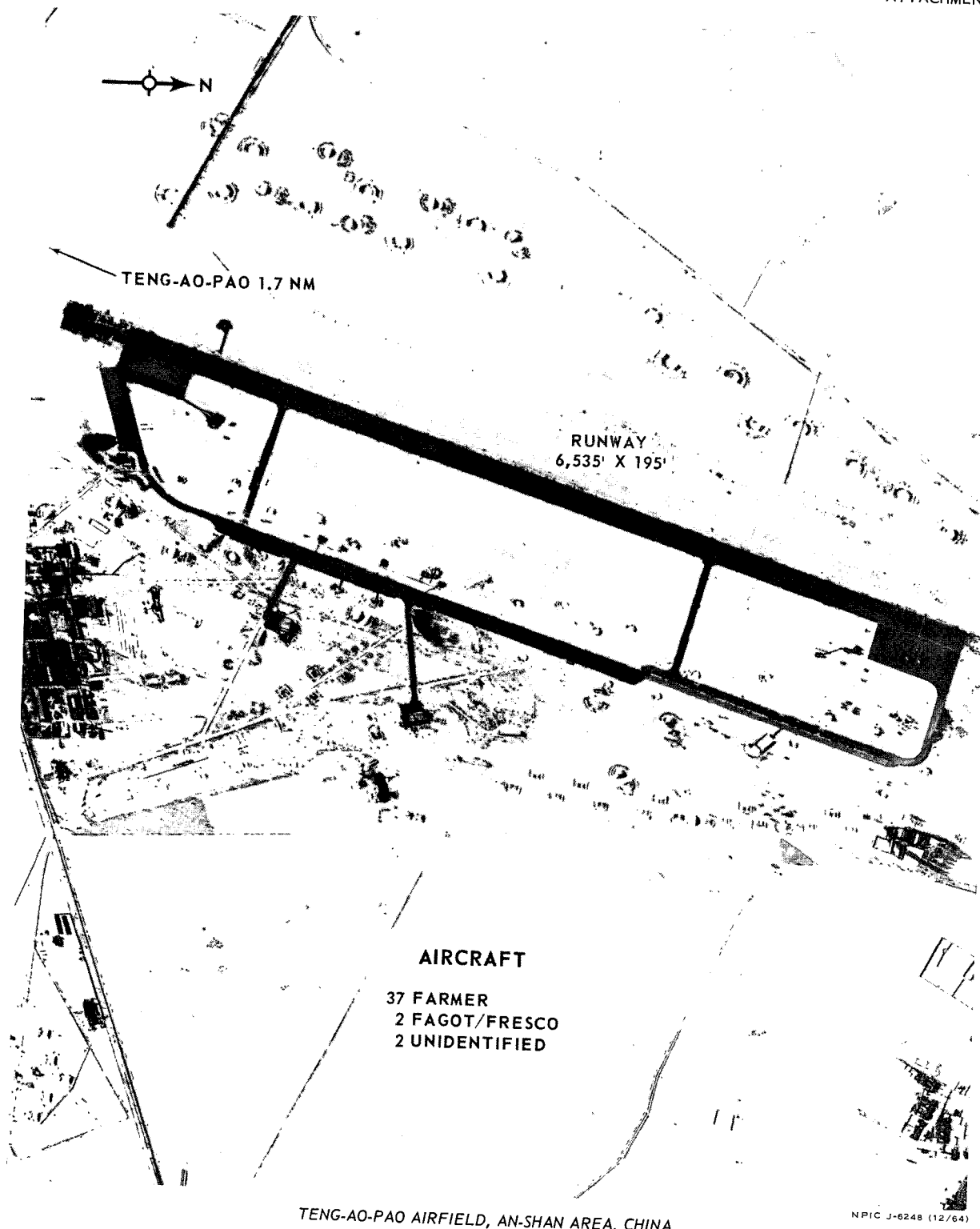
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ATTACHMENT 1



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NO FOREIGN DISSEM

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ATTACHMENT 2



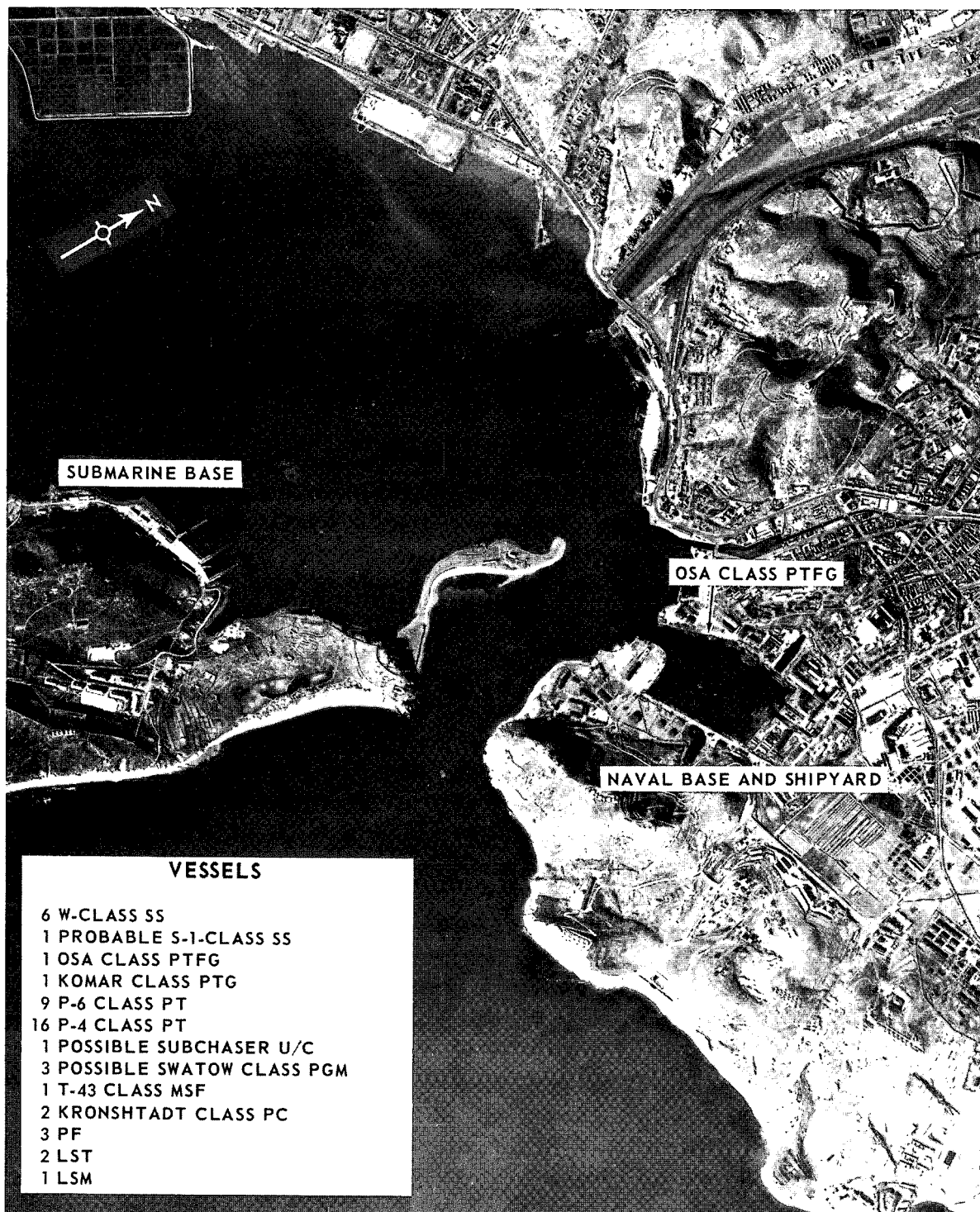
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ATTACHMENT 3



SUBMARINE BASE, NAVAL BASE AND SHIPYARD, LU-SHUN-KOU, CHINA

NPIC J-6249 (12/64)

SECRET

NO FOREIGN DISSEM

~~SECRET~~
NO FOREIGN DISSEM

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ATTACHMENT 4



LU-TA SHIPYARDS, CHINA

NPIC J-6280 (12/64)

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